

Peak District National Park

Forecast valid from 00:00 on Thursday 07 Oct 2021 until 23:59 on Friday 08 Oct 2021

Forecast Issued on Wednesday 06 Oct 2021 at 15:33

Confidence: High for very mild but rather cloudy conditions, especially in west, through the coming days then a change to slightly cooler conditions over the weekend but lower for cloud details.

Headline for Thursday 07 Oct 2021: Rather cloudy in west with patchy rain and drizzle, becoming brighter in east.

Mountain weather hazards on Thursday 07 Oct 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
10%	20%	20%	20%	10%	10%	10%	20%

Forecast for Thursday 07 Oct 2021

Weather: Cloudy with patchy light rain and drizzle, especially across western hills. However it is expected to become brighter in the east through the morning with some sunny spells developing during the afternoon. Cloud is expected to become more widespread again in the west through the evening

Chance of cloud free mountain/hill tops above 600m: Little chance at first and again in evening in west, becoming closer to 30% in west and around 75% in the east in the afternoon

Visibility: Periods or persistent cloud above about 300-450m lifting to around 600m for the afternoon and becoming more occasional across eastern hills, but cloud increasing again in west in evening. Otherwise visibility good or very good falling to several kilometres in rain and drizzle.

Forecast for Thursday 07 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 SW	18/24 SW	17/24 SW	17/24 SW	18/25 SW	17/25 S	19/26 SW	18/25 SW	17/23 SW
300	10/16 S	11/17 S	10/17 S	11/16 S	13/20 S	12/20 S	10/17 S	10/17 SW	9/15 SW
Valley	5/15 S	6/16 S	6/16 S	7/15 S	9/19 S	8/19 S	7/18 S	7/17 SW	6/15 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	10/6	11/7	12/8	13/10	13/10	13/10	12/9	12/9
300	11/9	12/10	12/11	14/12	16/14	16/14	15/14	15/13	14/13
Valley	11/10	12/11	12/12	14/13	16/15	16/16	16/15	15/14	14/14
Freezing Level*	3100m	2700m	2700m	2700m	2700m	3000m	3000m	3100m	3100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Valley temperatures may reach 19 or 20 Celsius in sunnier spells across the east.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Wed 06 Oct 2021

Last 24 hours:
4.2mm

Last 48 hours:
13.2mm

Last 72 hours:
15.6mm

Forecast for Friday 08 Oct 2021

Weather: Cloudy at first in west with patchy light rain or drizzle, otherwise mainly dry with some clear spells developing through the early hours, allowing some low level fog to develop, especially in eastern valleys. Low level fog expected to gradually lift and disperse through the morning to leave a bright day with sunny spells developing.

Maximum wind: Southerly or southwesterly 15-20mph soon decreasing 10mph or less

Chance of cloud free mountain/hill tops above 600m: Little chance at first in west, otherwise around 90%.

Visibility: Periods or persistent cloud above about 300-450m at first in west, otherwise cloud more occasional and rising above summits. Visibility away from cloud, good or very good, falling to several kilometres in patchy overnight rain and drizzle, and just a few hundred metres in any low level fog.

Temperature: **Valleys:** Plus 12 or 13 Celsius at dawn rising to plus 16 Celsius by day, perhaps 19 or 20 in east
At 600m: Plus 12 or 13 Celsius
Freezing level: Well above summits